Index of Claims

l Apr	olicat	ion/	Control	No

10/534,785

Examiner

Sara W. Crane

Applicant(s)/Patent under Reexamination

HWANG ET AL.

Art Unit

2811

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim				L				1		L	L								J	L.
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Cla	im					Date					ĺ	Cla	im					Date	 e
1 V 2 (3 (4 (5 (5 (6 (7 (8 (9 (10 (60 (11 (12 (62 (13 (14 (15 (16 (17 (18 (19 (20 (21 (22 (23 (24 (25 (26 (27 (28 (29 (30 (31 (32 (33<		iginal																		
2 52 3 53 4 55 5 55 6 55 7 58 9 59 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 24 71 22 73 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\vdash</td><td></td><td></td><td></td><td>51</td><td></td><td></td><td></td><td></td><td>H</td><td>┢</td></t<>										\vdash				51					H	┢
3 4 5 54 5 55 6 55 7 55 8 55 9 57 8 60 10 60 11 61 62 63 13 64 15 65 16 66 17 67 18 68 19 69 20 70 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 79 38 83 39 89 40 90 41 91 42 92			7	\vdash							\vdash			52						t
5 6 7 7 8 9 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 68 19 69 20 70 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 99 99			$\dagger \uparrow$					-						53						T
5 6 7 7 8 9 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 68 19 69 20 70 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 99 99		4	П					Γ						54						Γ
7 8 57 58 9 60 60 60 110 60 61 62 13 63 63 64 14 64 65 65 16 66 67 68 17 68 69 69 20 70 71 71 22 73 73 74 24 74 74 72 23 73 75 76 27 77 78 78 29 79 30 80 81 31 81 81 82 33 83 83 83 34 84 84 85 36 86 86 90 40 90 90 90 41 91 92 93 44 94 94 94 45 95 96 97 48 99 99 99 <td></td> <td>55</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>														55						
8 9 10 60 60 10 61 61 62 63 64 64 65 63 64 64 65 66 66 67 66 67 68 69 70 70 70 70 71 72 72 72 73 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74		6	Ш											56						L
9			Ц		_		_	L	_					57	Ш					L
10	<u> </u>	8	Н	·		_			<u> </u>					58			_	_	<u>. </u>	L
11 12 61 62 63 13 64 64 64 65 66 66 67 68 66 67 68 69 70 71 71 72 72 73 74 72 73 74 72 73 74 74 75 75 76 76 77 78 79 30 80 81 31 31 31 31 31 31 31 31 31 31 33 84 85 33 83 83 83 84 85 36 86 37 38 88 89 90 90 90 91 91 92 92 93 94 94 94 94 94 94 94 96 97 97 98 99 <t< td=""><td></td><td>9</td><td>11</td><td></td><td><u> </u></td><td><u> </u></td><td></td><td>├</td><td><u> </u></td><td><u> </u></td><td></td><td></td><td></td><td>59</td><td>-</td><td></td><td></td><td>_</td><td>_</td><td>┞</td></t<>		9	11		<u> </u>	<u> </u>		├	<u> </u>	<u> </u>				59	-			_	_	┞
12 13 62 63 64 65 65 65 65 66 67 66 67 66 67 68 68 68 69 70 71 71 72 72 72 72 72 72 72 73 74 74 74 74 74 74 75 76 77 78 78 79 30 30 80 81 81 32 82 83 81 81 82 83 84 84 84 85 86 86 86 87 87 88 89 89 89 89 89 90 90 90 90 90 90 90 94 94 94 94 94 94 94 94 95 96 96 97 97 98 99 <td< td=""><td></td><td></td><td>╂</td><td></td><td></td><td>l-</td><td></td><td> </td><td>-</td><td>-</td><td>_</td><td></td><td></td><td>60</td><td>Н</td><td></td><td></td><td></td><td></td><td>┝</td></td<>			╂			l-			-	-	_			60	Н					┝
13 63 14 65 15 66 16 66 17 68 18 68 19 69 20 70 21 72 22 72 23 73 24 74 25 75 26 76 27 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99		12	H	H	_			\vdash	-	\vdash	\vdash			62				-	-	┝
14 64 15 66 16 65 17 67 18 68 19 69 20 70 24 71 22 72 23 74 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99		13	Н	H	-	\vdash			-	⊢	\vdash		<u> </u>	63			_	-	-	┝
16 17 66 17 68 69 20 70 70 24 71 71 22 72 73 24 74 74 25 75 76 27 77 78 29 79 79 30 80 81 31 81 82 33 84 84 35 86 85 36 86 87 38 88 88 39 89 90 40 90 90 41 91 91 42 92 93 43 94 94 45 96 96 47 97 98 48 99 99	<u> </u>		╫	H	\vdash	-	_	╁─		-	\vdash		-	64	\vdash				\vdash	H
16 17 66 17 68 69 20 70 70 24 71 71 22 72 73 24 74 74 25 75 76 27 77 78 29 79 79 30 80 81 31 81 82 33 84 84 35 86 85 36 86 87 38 88 88 39 89 90 40 90 90 41 91 91 42 92 93 43 94 94 45 96 96 47 97 98 48 99 99		15	H	┢	\vdash	_	-	╁	\vdash	┢	┢			65					一	t
17 18 67 68 69 70 71 72 72 72 72 73 73 73 73 73 73 73 73 73 74 74 74 75 76 77 77 78 79 79 30 80 81 82 83 84 82 83 84 83 84 84 83 84 84 84 84 85 86 86 87 88 89 90 90 90 90 90 91 91 92 93 94 94 94 94 94 94 94 94 94 95 96 97 98 98 99 <td< td=""><td></td><td></td><td>H</td><td></td><td>-</td><td></td><td></td><td>1</td><td>_</td><td> -</td><td>T</td><td></td><td></td><td>66</td><td>\vdash</td><td></td><td></td><td></td><td>Т</td><td>T</td></td<>			H		-			1	_	-	T			66	\vdash				Т	T
18 68 19 68 20 70 24 71 22 73 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99		17	ĦΤ	Г		<u> </u>	1	Г						67	_			<u> </u>	_	T
19 69 20 70 21 71 22 73 23 74 25 75 26 75 27 77 28 79 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		18	11			\Box	_				_			68					\vdash	Т
24 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		19												69						Γ
22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99		20						Ĺ						70						Γ
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98		21	_											71						L
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		22			_			_	<u> </u>	L_				72			<u> </u>	_	<u>_</u>	L
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		23	_		_			<u> </u>	_	_	<u> </u>						_		<u> </u>	Ļ
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		24	┡	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	├-		<u> </u>			74		_		_		╀
27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		25	╢	-	-	-	-	-	├-		-			76		_	_		-	╀
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		27	├	┢	-	-	┝	├-								-	<u> </u>		├	╁
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	┢	\vdash	┢	┢	┝	-	 -	-	1		78				-	├	t
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	29	├	 	-	┢	\vdash	┢	╁	┢	\vdash	1		79	-		 		┢	t
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		30	├-	_		 	╌		t								-	 	\vdash	t
32 82 33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	31	T	Т		┢	\vdash	-	-	_		1		81			_		_	T
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32	Г	Г					T			1		82			\vdash	\vdash	Г	T
34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash			Г		Г	П					1		83						T
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		34												84						Γ
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		35					匚	匚		匚	匚			85					\Box	L
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	36				$ldsymbol{ldsymbol{ldsymbol{eta}}}$		<u> </u>	<u> </u>		<u></u>			86	Ш		L		oxdot	L
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	37	L	_	_	<u> </u>		\vdash		_	_						<u> </u>	<u> </u>	⊢	1
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	38	 	<u> </u>	_	}	<u> </u>	├_	<u> </u>	_	_		<u> </u>	88		-	<u> </u>	-	\vdash	╀
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		₩	-		!	-	┢		├		{				_	⊢	-	⊬	╀
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				-	<u> </u>	├	-		-				<u> </u>		\vdash		├	⊢	├-	╁
43 93 44 94 45 95 46 96 47 97 48 98 49 99	-		\vdash	-		 			╁	\vdash	1	1	<u></u>		-	-	\vdash	-	\vdash	t
44 94 45 95 46 96 47 97 48 98 49 99			 	 	_	 	-	1	\vdash	\vdash		1	<u> </u>				-		1	t
45 95 96 96 97 48 98 98 99 99 99			†	t^-	-	\vdash	\vdash	\vdash	t^-		\vdash			94			 	Г		t
46 96 97 97 48 98 98 99 99 99				T		Т	П	T	T		T	1			П	<u> </u>	Г		\vdash	T
47				\vdash				T	\vdash	1	Г	1			Ι				Т	T
49 99 99		47								Ĺ]		97						Ι
		48]		98						Ι
50			\perp	L	Ĺ	L	L	$oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$	L					99	匚	\Box			匚	L
	<u> </u>	50	<u>L</u> _	L	L	L	L	<u> </u>	oxdot	<u> </u>	_	J		100	<u> </u>		L	L	_	L

Cla	im	Date									
—		_			一	Ť					
Final	Original										
	51 52										
	52										
	53	-									
	54	_					_			_	
	54 55	_		-		_					
	56	_						-			
	57			_			_				
 	58	_									
	59					·			\neg		
	60		-								
	61	_		_		_					
	62		_								
	63										
	64									_	
	65										
	66										
	67										
	68		-			_	_				
	69										
	70							_		Т	
	71			_							
	72	_	\vdash	_							
	73										
	73 74										
	75										
	76										
	77			L.,							
	78 79										
	79										
	80										
	81 82										
	82										
	83										
	84										
	85		<u> </u>	_			_		<u> </u>	L	
	86		_	_	\vdash		_		L	L	
	87			<u> </u>		<u> </u>	_	<u> </u>	_	_	
	88	_	<u> </u>	<u> </u>		_	<u> </u>	<u> </u>	<u> </u>	_	
	89	_	<u> </u>	_	<u> </u>	_	<u> </u>	L_	<u> </u>		
<u> </u>	90		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	_	
-	91			<u> </u>		<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	
1	92		\vdash			<u> </u>		<u> </u>		<u> </u>	
<u> </u>	93	_	├—	 	<u> </u>	 - -	_	<u> </u>	<u> </u>	<u> </u>	
	94	_		 	<u> </u>	 	<u> </u>	\vdash	\vdash	\vdash	
	95		_	<u> </u>	\vdash	\vdash	_	-		\vdash	
	96		\vdash		\vdash		\vdash	<u> </u>		\vdash	
-	97	-	<u> </u>	⊢	<u> </u>	<u> </u>	├-	<u> </u>	-	⊢	
-	98 99	—	 	-	\vdash	-	-	-	-	-	
-	100	<u> </u>	\vdash	\vdash	\vdash	-	-	 	 	⊢	
1	100		l	ı	1	1	ı	i	ı	ı	

Cla	aim					Date				\neg
Final	Original									
Ĭ.	Ori									
	101 102 103							_		-
	102									
	103									
	104									
	104 105 106									
	106									
	107									
	108 109 110								_	
	109								<u> </u>	
	110							_	┝	Н
	111	\vdash	_	\vdash	\vdash	\vdash				$\vdash \vdash$
	112	\vdash		\vdash	\vdash				-	$\vdash \dashv$
	114	-			\vdash	H		-		$\vdash \vdash$
	115	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash			\vdash
 	112 113 114 115 116	\vdash	_	\vdash	\vdash	\vdash	\vdash		\vdash	$\vdash \vdash$
	117					\vdash				
	117 118			\vdash			_			
	110				\Box				 	
	120 121 122									
	121									
	122									
	123									
	123 124 125 126 127 128 129 130		_		L.			<u> </u>		
	125		_	<u> </u>			_	ļ	<u> </u>	\sqcup
	126		_	ļ_				_		
	127			<u> </u>					ļ	-
	128	 	<u> </u>	ŀ	_		_	┝	⊢	\vdash
	130		-		\vdash	\vdash	\vdash	⊢		\vdash
	131	-	 				├─	├	-	\vdash
├──	131 132 133	-	-	-	\vdash	┢	\vdash	\vdash	-	Н
_	133	-		-	-		\vdash	\vdash		Н
	134		┢		 	_	\vdash	\vdash	-	\vdash
	134 135	Т	\vdash							П
	136	Г						Г		П
	137		Ī							
	138									
	139									
	140							<u> </u>		Ш
	141	<u> </u>	<u> </u>	<u> </u>			<u> </u>		<u> </u>	Ш
<u> </u>	142		_		<u> </u>			<u> </u>	$oxed{oxed}$	Ш
	143	<u> </u>	<u> </u>		<u> </u>	<u> </u>	ļ	_	<u> </u>	Ш
<u> </u>	144		\vdash	 —	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Н
	145	<u> </u>	<u> </u>	-	-		 	<u> </u>	├	
	146 147	\vdash	-	├-	├	<u> </u>	-	-	├-	\vdash
<u> </u>	147	\vdash	-	├-	├	\vdash		_	\vdash	\vdash
	148	 	-	\vdash	\vdash	 	⊢	\vdash	\vdash	\vdash
	150	\vdash		-	-	-	\vdash	\vdash	\vdash	\vdash
	1 100	<u> </u>	Щ.	<u> </u>	1	Щ	L		1	1